

WHAT IS CLAIMED IS:

1. A wall phone filter housing unit adapted for interfacing between incoming telephone lines connected to a wall mounting plate and subscriber's network termination equipment, said housing unit comprising:

5 a base member;

a cover member adapted for co-mating with said base member;

a PCB assembly being disposed between said base member and said cover member;

10 an impedance blocking filter circuit mounted on said PCB assembly disposed between said base member and said cover member;

15 a first modular plug extending from a central portion of said base member for insertion into a modular jack connected to incoming telephone lines;

a first filtered modular jack mounted in a central portion of said cover member for re-

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20 ceiving a second modular plug connected to a
telephone set;

 a second filtered modular jack formed on
one side of said PCB assembly for receiving a
third modular plug connected to an answering
machine or Fax machine; and

25 a third unfiltered modular jack formed
upon another side of said PCB assembly for
receiving a fourth modular plug connected to
DSL or HPN equipment devices.

2. A wall phone filter housing unit as claimed in
Claim 1, wherein said filter housing unit is of a compact
size.

3. A wall phone filter housing unit as claimed in
Claim 1, wherein each of said first through fourth modu-
lar plugs is comprised of a standard telephone RJ-type
plug.

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4. A wall phone filter housing unit as claimed in Claim 3, wherein each of said first through third modular jacks is comprised of a standard telephone RJ-type jack.

5. A wall phone filter housing unit as claimed in Claim 1, wherein said base member and said cover member are formed of a suitable plastic material.

6. A wall phone filter housing unit as claimed in Claim 1, further comprising slidable mounting means for engaging and locking with mounting posts formed on the wall mounting plate.

7. A wall phone filter housing unit as claimed in Claim 6, wherein said slidable mounting means includes an upper mounting latch and a lower mounting latch, each being slidable so as to engage and lock with the mounting
5 posts formed on the wall mounting plate.

8. A wall phone filter housing unit as claimed in Claim 1, wherein said cover member includes a top wall member, a bottom wall member, and confronting sidewall

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members all formed integrally with a rear surface so as
5 to define a cavity for receiving and enclosing said PCB
assembly.

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10. A wall phone filter housing unit as claimed in
Claim ~~8~~⁹, wherein said base member includes a central
stepped portion which is formed with an aperture for en-
gaging said first modular plug.

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11. A wall phone filter housing unit adapted for interfacing between incoming telephone lines connected to a wall mounting plate and subscriber's network termination equipment, said housing unit comprising:

5 housing means formed of co-mating base and cover members;

 component-mounting means disposed within said housing means for mounting an impedance blocking filter circuit;

10 plug means extending from said housing means for insertion into a modular jack connected to incoming telephone lines; and

 jack means formed in said housing means for connection to a telephone set, an
15 answering machine, and ADSL equipment.

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12. A wall phone filter housing unit as claimed in Claim ¹⁰11, wherein said filter housing unit is of a compact size.

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13. A wall phone filter housing unit as claimed in Claim ~~11~~¹⁰, wherein each of said first through fourth modular plugs is comprised of a standard telephone RJ-type plug.

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14. A wall phone filter housing unit as claimed in Claim ~~13~~¹², wherein each of said first through third modular jacks is comprised of a standard telephone RJ-type jack.

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15. A wall phone filter housing unit as claimed in Claim ~~11~~¹⁰, wherein said base and cover members are formed of a suitable plastic material.

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16. A wall phone filter housing unit adapted for interfacing between incoming telephone lines connected to a wall mounting plate and subscriber's network termination equipment, said housing unit comprising:

5 housing means formed of co-mating base and cover members;

 component-mounting means disposed within said housing means for mounting an impedance blocking filter circuit;

10 plug means extending from said housing means for insertion into a modular jack connected to incoming telephone lines;

 jack means formed in said housing means for connection to a telephone set, an
15 answering machine, and ADSL equipment; and

 slidable mounting means formed on said housing means for engaging and locking with mounting posts formed on the wall mounting plate.

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17. A wall phone filter housing unit as claimed in
Claim 16, wherein said slidable mounting means includes
an upper mounting latch and a lower mounting latch, each
being slidable so as to engage and lock with the mounting
5 posts formed on the wall mounting plate.

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18. A wall phone filter housing unit as claimed in
Claim 1, further comprising means for protecting wire
pins of a connector wire assembly mounted on said PCB
assembly from solder during a wave soldering process.

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19. A wall phone filter housing unit as claimed in
Claim 18, further comprising means for protecting wire
pins of a connector wire assembly mounted on said
component-mounting means from solder during a wave
5 soldering process.

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20. A wall phone filter housing unit as claimed in
Claim 19, further comprising means for protecting wire
pins of a connector wire assembly mounted on said
component-mounting means from solder during a wave
5 soldering process.

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